

Strategic Studies

CCT's charter includes initiating and supporting special studies on designated subjects. These subjects are selected on the basis of their ability to contribute to the NASA mission in an innovative way. They are often multidisciplinary, occasionally involve unorthodox partnerships, and often attempt to develop a new technology from concept to real deliverables and products that enable Ames to contribute concretely and substantively to addressing the Agency's technology challenges. Once a subject has established itself and received support, it will "spin off" from CCT to become an independent project, and CCT will select a new special study.

Examples of special studies that have "spun off" include synthetic biology and phonesat. New special studies include:

- Biological Technologies for Life Beyond Low Earth Orbit (BT4LBLEO)
- Small Spacecraft and Missions Enterprise (SSME)
- Designing High-Confidence Software and Systems (DHCSS)
- Science Instruments for Small Missions (SISM)
- Cyber-Physical Systems Modeling and Analysis (CPSMA)

Technical Expertise Areas

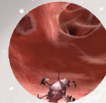
The Technology Expertise Areas document ARC's competency in 10 areas and serve as a resource to the ARC community in the preparation of proposals and during the course of other pursuits where the identification of technical expertise and respective points of contact are required. The document is currently under review.



Small Spacecraft Systems and Technologies



Sustainable and Sustaining Technologies



Nano- and Micro- Technologies and Systems



Sensors, Instruments, Devices, Materials, Photonics, Optics, Imaging



Aeronautics



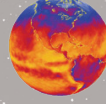
Hypersonics, EDL Technologies



Information Systems, Computation, Communications and Intelligent Systems



Human and Robotic Exploration Technologies



Space and Earth Science and Space Physics Technologies and Applications



Biological Technologies and Applications

National Aeronautics and Space Administration



NASA Ames Research Center Center Chief Technologist Office Space Technology Office

Enabling Our Future With Space Technology

Space technology is NASA's contribution to a revitalized research, technology, and innovation agenda for the Nation.

Investment in innovative technologies will

- stimulate the economy;
- build economic competitiveness;
- develop new products and services;
- establish businesses and industries; and
- create high-quality, sustainable jobs.

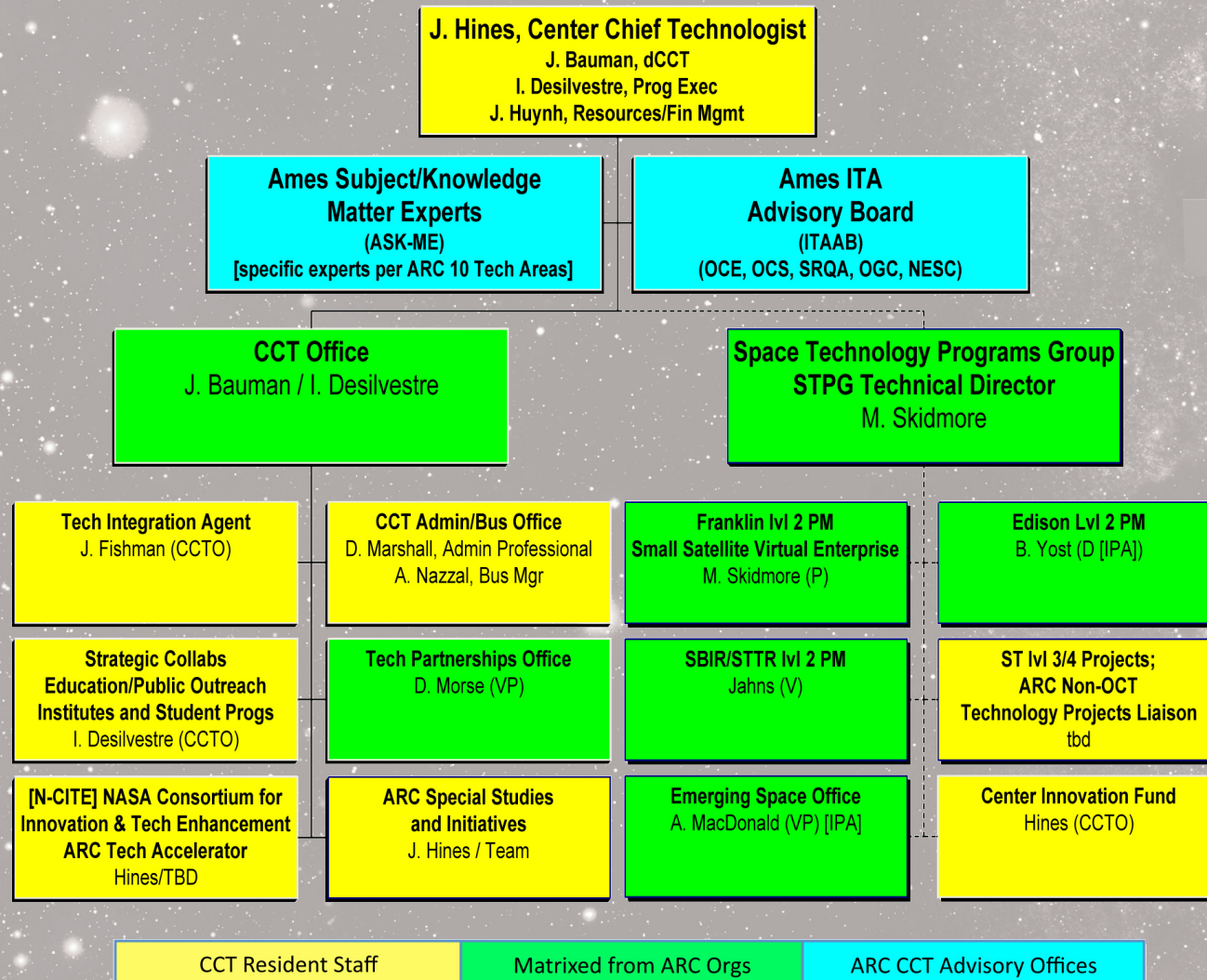
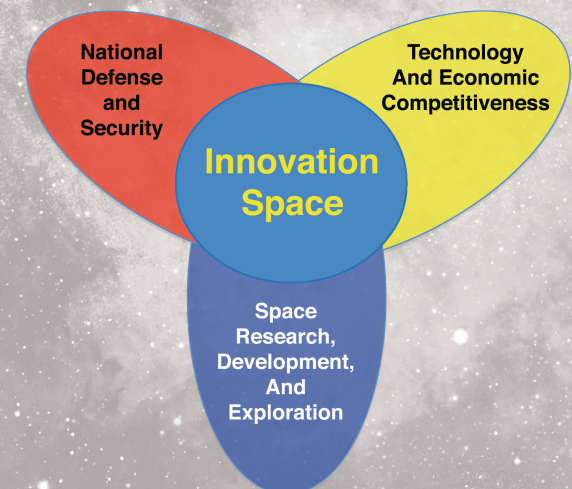
John W. Hines
Chief Technologist, NASA Ames
John.W.Hines@nasa.gov
650-604-5538

Center Chief Technologist (CCT) Office

N-CITE

The NASA-Ames Consortium for Innovation and Technology Enhancement (N-CITE) is established as a multidisciplinary, product-oriented technology development and applications accelerator. It is envisioned as Ames' technology focal point and liaison with NASA Research Park partners and other industry, academic, and government agencies engaged in the development of enabling capabilities and technologies of interest to the Center.

N-CITE will actively engage developers on multiple levels to facilitate communication, interaction, and technology transfer as appropriate. Effectively, N-CITE will promote visibility of NASA technology interests, goals and capabilities, and will improve communications between NASA investigators and external researchers and developers.



John W. Hines
John.W.Hines@nasa.gov
650.604.5538

Jill Bauman
Jill.Bauman@nasa.gov
650.604.0318

Ingrid Desilvestre
Ingrid.Desilvestre@nasa.gov
650.604.6202

Julie Huynh
Julie.T.Huynh@nasa.gov
650.604.5089

Michael Skidmore
Mike.Skidmore@nasa.gov
650.604.6069

Julianna Fishman
Julianna.L.Fishman@nasa.gov
650.604.0637